

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082422AL\
 Data File : FC061290.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2022 07:49
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2022
 Supervised By :Ankita Jodhani 08/25/2022

Integration File: sample.E
 Quant Time: Aug 25 08:14:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.641	3174307	17.931 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
12) S 1-chlorooctadecane (S...	13.072	2514705	17.956 ug/ml
Spiked Amount 50.000		Recovery =	35.91%
Target Compounds			
1) T n-Nonane (C9)	3.412	2901617	19.192 ug/ml
2) T n-Decane (C10)	4.478	2904632	19.142 ug/ml
3) T A~Naphthalene (C11.7)	6.063	3266208	18.869 ug/ml
4) T n-Dodecane (C12)	6.490	2922465	18.870 ug/ml
5) T A~2-methylnaphthalene...	7.116	3286603	18.665 ug/ml
6) T n-Tetradecane (C14)	8.282	2908939	18.597 ug/ml
7) T n-Hexadecane (C16)	9.880	2892362	18.466 ug/ml
8) T n-Octadecane (C18)	11.320	2889198	18.313 ug/ml
10) T n-Eicosane (C20)	12.627	2826790	18.183 ug/ml
11) T n-Heneicosane (C21)	13.238	2809659	17.963 ug/ml
13) T n-Docosane (C22)	13.823	2791952	17.992 ug/ml
14) T n-Tetracosane (C24)	14.924	2787602	18.019 ug/ml
15) T n-Hexacosane (C26)	15.943	2695023	17.907 ug/ml
16) T n-Octacosane (C28)	16.890	2619111	17.732 ug/ml
17) T n-Tricontane (C30)	17.776	2496095	18.072 ug/ml
18) T n-Dotriacontane (C32)	18.607	2063770	18.802 ug/ml
19) T n-Tetratriacontane (C34)	19.389	1477060	19.136 ug/ml
20) T n-Hexatriacontane (C36)	20.127	1098427	19.456 ug/ml
21) T n-Octatriacontane (C38)	20.869	965465	20.811 ug/mlm
22) T n-Tetracontane (C40)	21.800	861131	20.531 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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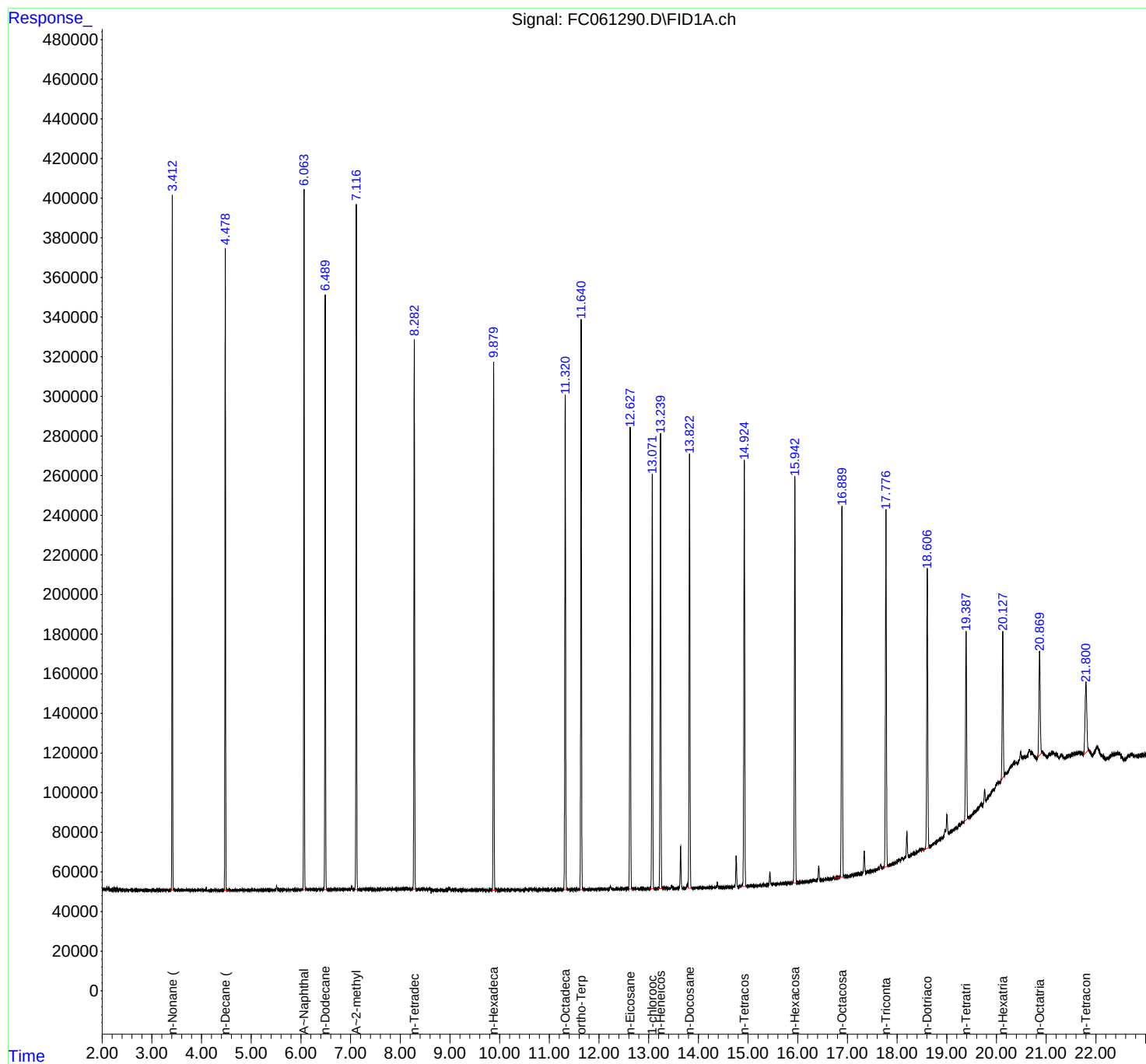
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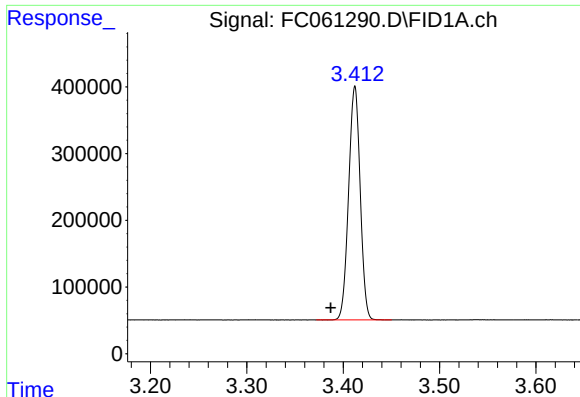
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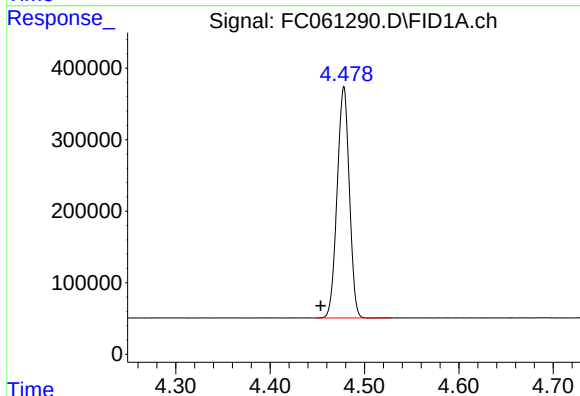
#1 n-Nonane (C9)

R.T.: 3.412 min
Delta R.T.: 0.025 min
Response: 2901617
Conc: 19.19 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

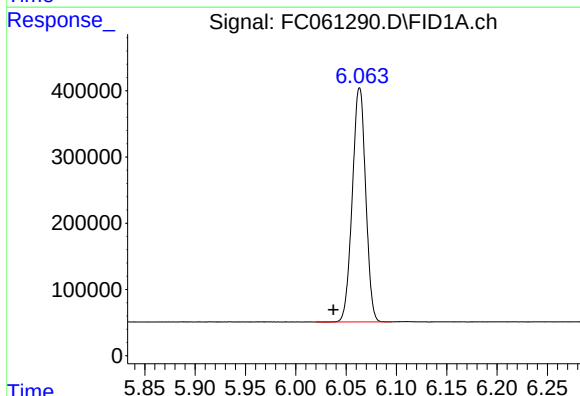
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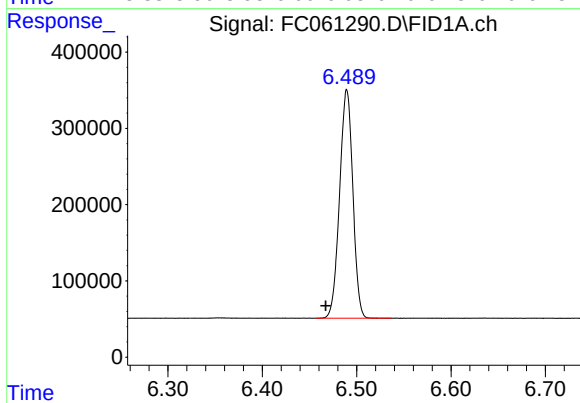
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: 0.025 min
Response: 2904632
Conc: 19.14 ug/ml



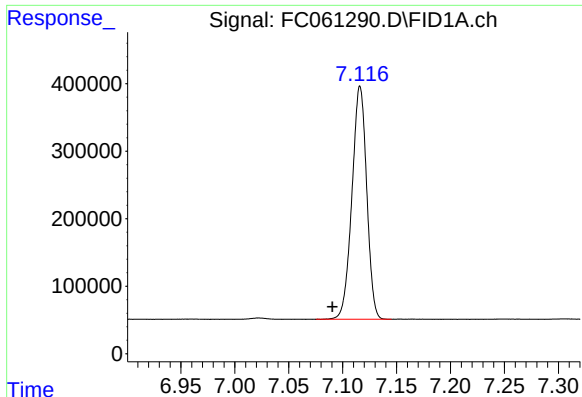
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: 0.026 min
Response: 3266208
Conc: 18.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.490 min
Delta R.T.: 0.022 min
Response: 2922465
Conc: 18.87 ug/ml



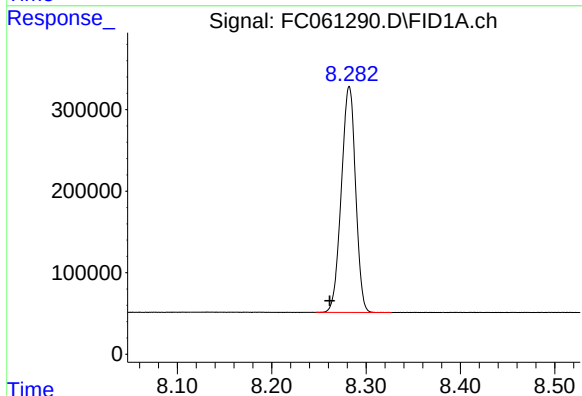
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.116 min
Delta R.T.: 0.026 min
Response: 3286603
Conc: 18.67 ug/ml

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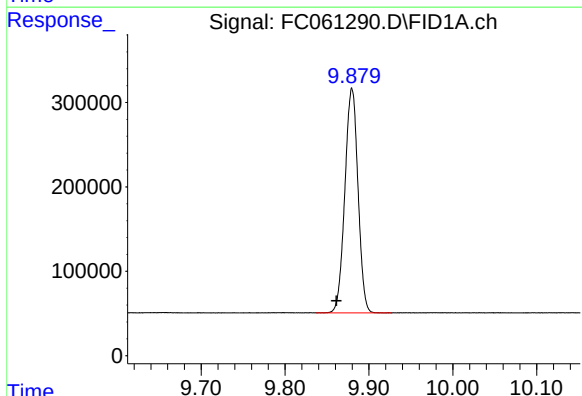
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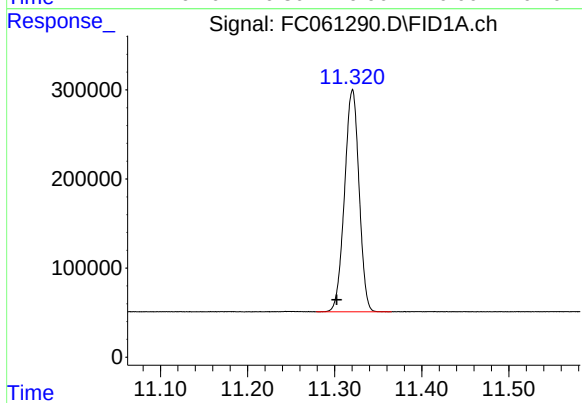
#6 n-Tetradecane (C14)

R.T.: 8.282 min
Delta R.T.: 0.020 min
Response: 2908939
Conc: 18.60 ug/ml



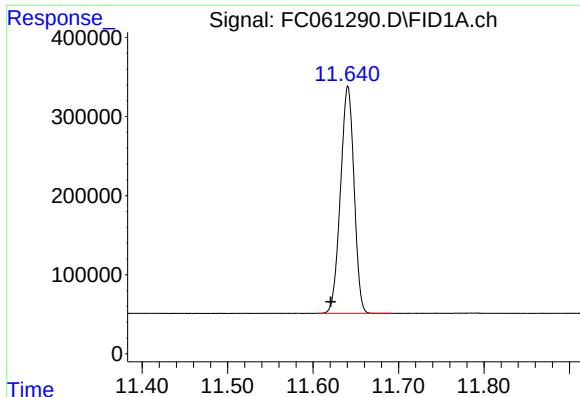
#7 n-Hexadecane (C16)

R.T.: 9.880 min
Delta R.T.: 0.018 min
Response: 2892362
Conc: 18.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.320 min
Delta R.T.: 0.018 min
Response: 2889198
Conc: 18.31 ug/ml



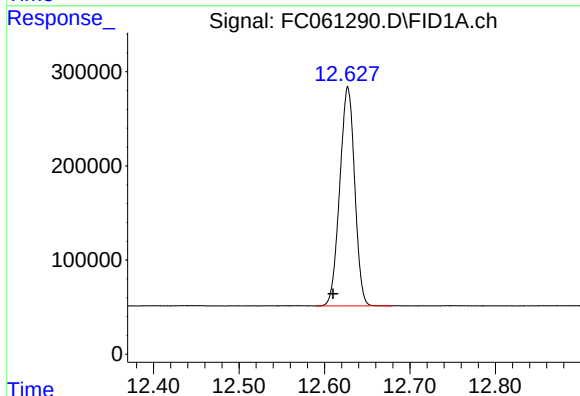
#9 ortho-Terphenyl (SURR)

R.T.: 11.641 min
Delta R.T.: 0.020 min
Response: 3174307
Conc: 17.93 ug/ml

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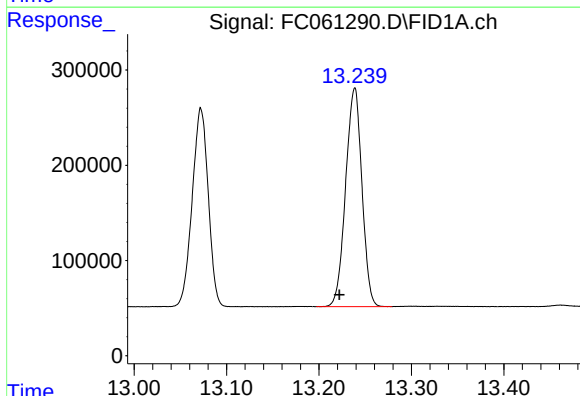
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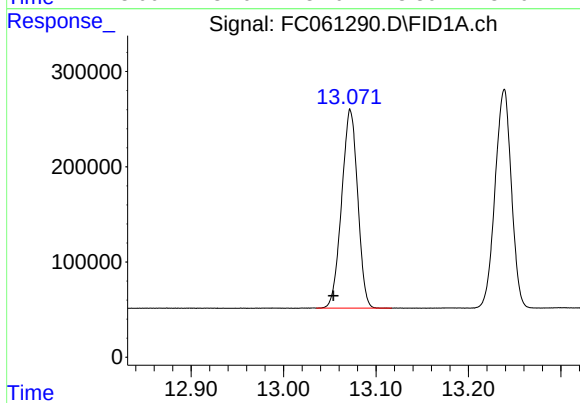
#10 n-Eicosane (C20)

R.T.: 12.627 min
Delta R.T.: 0.017 min
Response: 2826790
Conc: 18.18 ug/ml



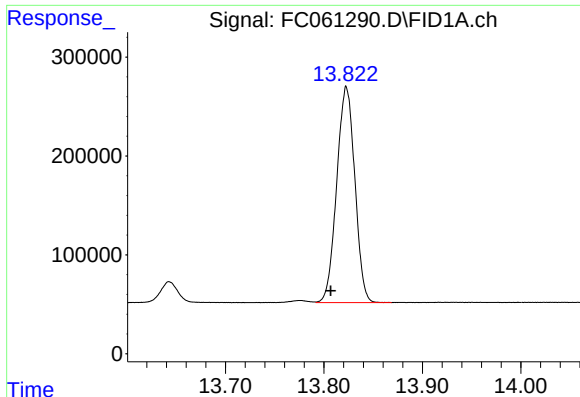
#11 n-Heneicosane (C21)

R.T.: 13.238 min
Delta R.T.: 0.016 min
Response: 2809659
Conc: 17.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.072 min
Delta R.T.: 0.018 min
Response: 2514705
Conc: 17.96 ug/ml



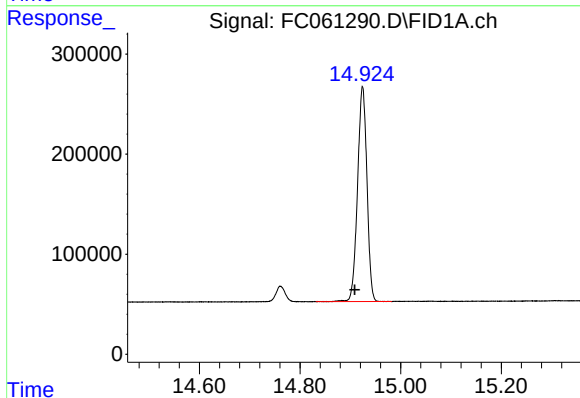
#13 n-Docosane (C22)

R.T.: 13.823 min
Delta R.T.: 0.016 min
Response: 2791952
Conc: 17.99 ug/ml

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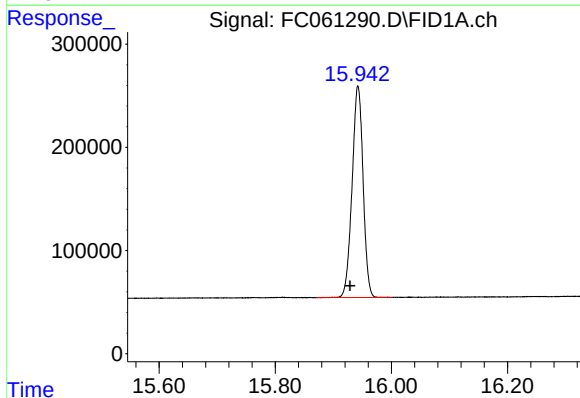
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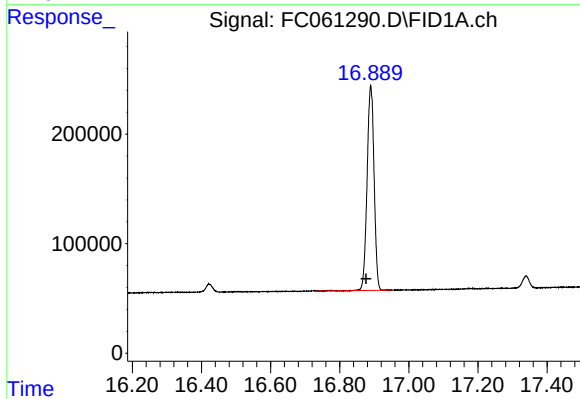
#14 n-Tetracosane (C24)

R.T.: 14.924 min
Delta R.T.: 0.016 min
Response: 2787602
Conc: 18.02 ug/ml



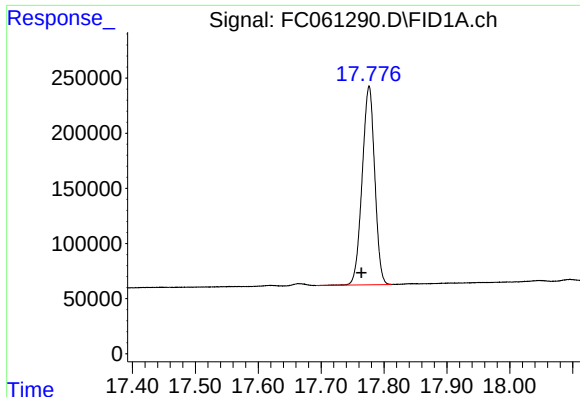
#15 n-Hexacosane (C26)

R.T.: 15.943 min
Delta R.T.: 0.014 min
Response: 2695023
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.890 min
Delta R.T.: 0.013 min
Response: 2619111
Conc: 17.73 ug/ml



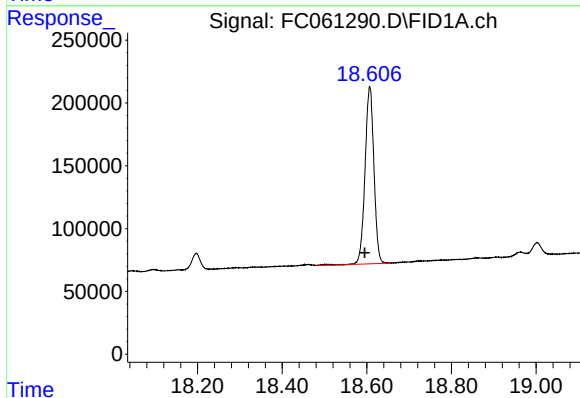
#17 n-Tricontane (C30)

R.T.: 17.776 min
Delta R.T.: 0.012 min
Response: 2496095
Conc: 18.07 ug/ml

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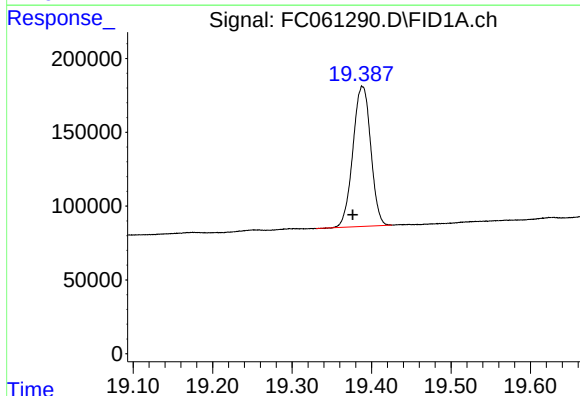
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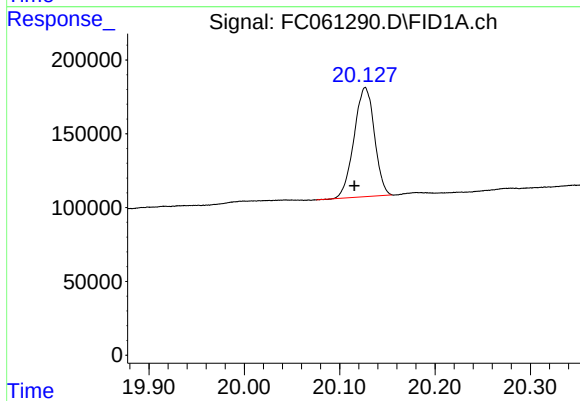
#18 n-Dotriacontane (C32)

R.T.: 18.607 min
Delta R.T.: 0.012 min
Response: 2063770
Conc: 18.80 ug/ml



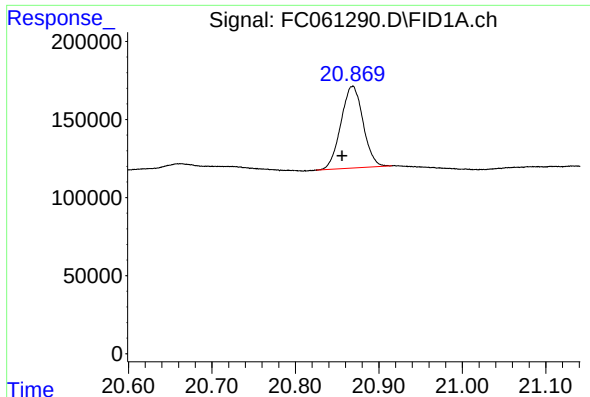
#19 n-Tetratriacontane (C34)

R.T.: 19.389 min
Delta R.T.: 0.012 min
Response: 1477060
Conc: 19.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.127 min
Delta R.T.: 0.011 min
Response: 1098427
Conc: 19.46 ug/ml



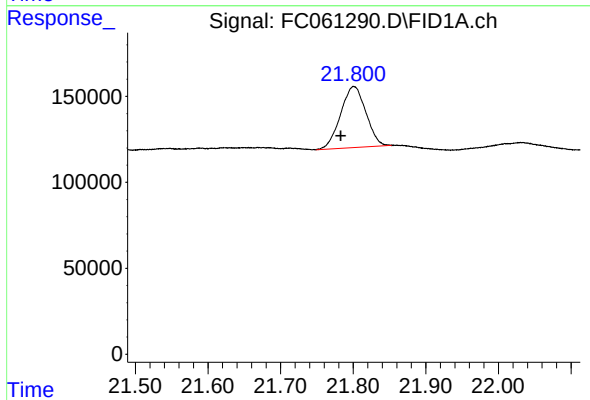
#21 n-Octatriacontane (C38)

R.T.: 20.869 min
Delta R.T.: 0.013 min
Response: 965465
Conc: 20.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.800 min
Delta R.T.: 0.018 min
Response: 861131
Conc: 20.53 ug/ml m